WHAT IS CLAIMED IS:

1	1. A composition for the treatment of an anorectal disorder, and for		
2	controlling the pain associated therewith, said composition comprising a NO donor in		
3	admixture with a second agent selected from the group consisting of phosphodiesterase		
4	type II inhibitors, phosphodiesterase type IV inhibitors, phosphodiesterase type V		
5	inhibitors, nonspecific phosphodiesterase inhibitors, superoxide scavengers, β-adrenergic		
6	agonists, cAMP-dependent protein kinase activators, α ₁ -adrenergic antagonists, estrogens,		
7	ATP-sensitive K ⁺ channel activators and smooth muscle relaxants, with a		
8	pharmaceutically acceptable carrier.		
1	2. A composition in accordance with claim 1, wherein said NO donor		
2	is selected from the group consisting of nitroglycerin, L-arginine, SNAP, GSNO and SIN-		
3	1, and said second agent is a superoxide scavenger selected from the group consisting of		
4	superoxide dismutase and chemical superoxide dismutase mimetics.		
1	3. A composition in accordance with claim 1, wherein said carrier is		
2	formulated for local application.		
1_	4. A composition in accordance with claim 1, wherein said second		
2	agent is selected from the group consisting of phosphodiesterase type II inhibitors,		
3	phosphodiesterase type IV inhibitors, phosphodiesterase type V inhibitors, and		
4	nonspecific phosphodiesterase inhibitors.		
1	5. A composition in accordance with claim 1, wherein said second		
2	agent is selected from the group consisting of β -adrenergic agonists.		
1	6. A composition in accordance with claim 5, wherein said β-		
2	adrenergic agonist is selected from the group consisting of β_2 -adrenergic agonists and		
3	β_3 -adrenergic agonists.		
1	7. A composition in accordance with claim 1, wherein said second		
2	agent is selected from the group consisting of ATP-sensitive K ⁺ channel activators.		
1	8. A composition for the treatment of an anorectal disorder, and for		
2	controlling the pain associated therewith, said composition comprising a		
3	phosphodiesterase inhibitor and a pharmaceutically acceptable carrier.		

relaxants.

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1	9. A composition in accordance with claim 8, wherein said			
2	phosphodiesterase inhibitor is selected from the group consisting of phosphodiesterase			
3	type II inhibitors, phosphodiesterase type IV inhibitors, phosphodiesterase type V			
4	inhibitors, and nonspecific phosphodiesterase inhibitors.			
1	10. A composition in accordance with claim 9, further comprising an			
2	agent selected from the group consisting of β-adrenergic agonists, cAMP-dependent			
3	protein kinase activators, α ₁ -adrenergic antagonists, L-type Ca ²⁺ channel blockers,			
4	estrogens, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.			
1	11. A composition for the treatment of an anorectal disorder, and for			
2	controlling the pain associated therewith, said composition comprising a β-adrenergic			
3	agonist and a pharmaceutically acceptable carrier.			
1	12. A composition in accordance with claim 11, wherein said β-			
2	adrenergic agonist is specific for a receptor isoform selected from the group consisting of			
3	β_2 , β_3 and combinations thereof.			
1	13. A composition in accordance with claim 11, wherein said β-			
2	adrenergic agonist is isoproterenol.			
1	14. A composition in accordance with claim 11, further comprising a			
2	agent selected from the group consisting of cAMP-hydrolyzing PDE inhibitors,			
3	nonspecific PDE inhibitors, α ₁ -adrenergic antagonists, estrogens, L-type Ca ²⁺ channel			
4	blockers, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.			
1	15. A composition for the treatment of an anorectal disorder, and for			
2	controlling the pain associated therewith, said composition comprising an ATP-sensitive			
3	K ⁺ channel activator and a pharmaceutically acceptable carrier.			
1	16. A composition in accordance with claim 15, further comprising a			
2	agent selected from the group consisting of cAMP-dependent protein kinase activators,			
3	estrogens, α_1 -adrenergic antagonists. L-type Ca ²⁺ channel blockers and smooth muscle			

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1	17.	A composition for the treatment of an anorectal disorder, and for
2	controlling the pain a	is sociated therewith, said composition comprising an α_1 -adrenergic
3	antagonist and a phar	maceutically acceptable carrier.

- 1 18. A composition in accordance with claim 17, said composition 2 further comprising an agent selected from the group consisting of cAMP-hydrolyzing 3 phosphodiesterase inhibitors, estrogens and smooth muscle relaxants.
- 1 19. A composition in accordance with claim 17, wherein said cAMP-2 hydrolyzing phosphodiesterase inhibitor is a phosphodiesterase type IV inhibitor.
 - 20. A composition for the treatment of an anorectal disorder, and for controlling the pain associated therewith said composition comprising a cAMP-dependent protein kinase activator and an L-type Ca²⁺ channel blocker.
 - 21. A composition for the treatment of an anorectal disorder, and for controlling the pain associated therewith, said composition comprising a cGMP-dependent protein kinase activator and a pharmaceutically acceptable carrier.
 - 22. A composition for the treatment of an anorectal disorder, and for controlling the pain associated therewith, said composition comprising a nonspecific cyclic nucleotide-dependent protein kinase activator, optionally in admixture with a smooth muscle relaxant.
- 1 23. A method of treating an anorectal disorder, and for controlling the 2 pain associated therewith, the method comprising administering to a subject in need of 3 such treatment a therapeutically effective amounts of a NO donor and a second agent 4 selected from the group consisting of phosphodiesterase type II inhibitors, 5 phosphodiesterase type IV inhibitors, phosphodiesterase type V inhibitors, nonspecific 6 phosphodiesterase inhibitors, superoxide scavengers, β-adrenergic agonists, cAMP-7 dependent protein kinase activators, α₁-adrenergic antagonists, estrogens, L-type Ca²⁺ 8 channel blockers, ATP-sensitive K⁺ channel activators and smooth muscle relaxants.
- 1 24. A method in accordance with claim 23, wherein said NO donor and 2 said second agent are administered in combination.

1	25. A method in accordance with claim 23, wherein said second agent			
2	is administered prior to said NO donor.			
1	26. A method in accordance with claim 23, wherein said anorectal			
2	disorder is an anal fissure.			
1	27. A method of treating an anorectal disorder, and for controlling the			
2	pain associated therewith, the method comprising administering to a subject in need of			
3	such treatment a therapeutically effective amount of a composition comprising a			
4	phosphodiesterase inhibitor.			
1	28. A method in accordance with claim 27, further comprising			
2	administering to said subject a second agent selected from the group consisting of β-			
3	adrenergic agonists, cAMP-dependent protein kinase activators, α_1 -adrenergic			
4	antagonists, estrogens, L-type Ca2+ channel blockers, ATP-sensitive K+ channel activators			
5	and smooth muscle relaxants.			
1	29. A method of treating an anorectal disorder, and for controlling the			
2	pain associated therewith, the method comprising administering to a subject in need of			
3	such treatment a therapeutically effective amount of a composition comprising a β-			
4	adrenergic agonist.			
1	30. A method in accordance with claim 29, further comprising			
2	administering to said subject a second agent selected from the group consisting of cAMP-			
3	dependent protein kinase activators, α_1 -adrenergic antagonists, estrogens, L-type Ca $^{2+}$			
4	channel blockers, ATP-sensitive K ⁺ channel activators and smooth muscle relaxants.			
1	31. A method of treating an anorectal disorder, and for controlling the			
2	pain associated therewith, the method comprising administering to a subject in need of			
3	such treatment a therapeutically effective amount of a composition comprising an ATP-			
4	sensitive potassium channel opener and an agent that promotes cAMP-mediated anal			
5	sphincter relaxation.			
1	32. A method of treating an anorectal disorder, and for controlling the			
2	pain associated therewith, the method comprising administering to a subject in need of			

such treatment a therapeutically effective amount of a composition comprising a

- potassium channel opener, wherein said therapeutically effective amount decreases
- 5 hypertonicity of an anal sphincter muscle of the subject.
 - 33. A method of treating an anorectal disorder, and for controlling the pain associated therewith, the method comprising administering to a subject in need of such treatment a therapeutically effective amount of a composition comprising a pharmaceutically acceptable carrier and an agent which increases a level of cyclic guanidine monophosphate or cyclic adenosine monophosphate in a tissue of an anal sphincter muscle of the subject, thereby decreasing hypertonicity of the anal sphincter muscle of the subject.